

3763

**TRANSMITTAL LETTER
(General - Patent Pending)**

Docket No.
112843-025

In Re Application Of: Larrain et al.

Serial No.
09/681,896

Filing Date
June 21, 2001

Examiner
M. Desanto

Group Art Unit
3763

Title: MEDIUM CRACKING PRESSURE VALVE ARRANGEMENT

TO THE ASSISTANT COMMISSIONER FOR PATENTS:

Transmitted herewith is:

Petition for Extension of Time (duplicate); Response to Office Action (7 pgs.); check in the amount of \$410.00; and return receipt postcard.

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in the above identified application.

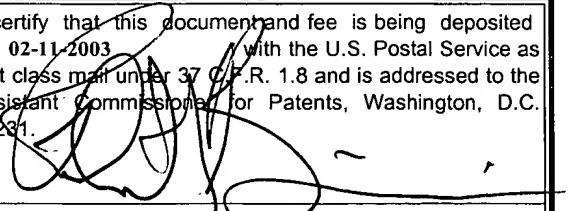
- No additional fee is required.
- A check in the amount of \$410.00 is attached.
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Dated: February 11, 2003

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I certify that this document and fee is being deposited on 02-11-2003 with the U.S. Postal Service as first class mail under 37 C.F.R. 1.8 and is addressed to the Assistant Commissioner for Patents, Washington, D.C. 20231.


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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant(s): Larrain et al.
Appl. No.: 09/681,896
Conf. No.: 2983
Filed: June 21, 2001
Title: MEDIUM CRACKING PRESSURE VALVE ARRANGEMENT
Art Unit: 3763
Examiner: M. Desanto
Docket No.: 112843-025

Commissioner for Patents
Washington, DC 20231

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RESPONSE TO OFFICE ACTION

Sir:

In response to the Office Action dated October 7, 2002, please amend the above-identified patent application as follows:

In the Claims:

Please amend Claims 1, 7, 14, 17, and 19 as follows:

1. (Amended) A valve arrangement suitable for use with a rotary peristaltic pump and which is capable of allowing a flow of fluid in a first direction and capable of preventing the flow of fluid in a second direction, wherein the valve arrangement comprises a valve having a cracking pressure of approximately 0.10 to about 0.20 bar wherein the valve comprises a flexible membrane which is deformable under pressure in a desired flow direction, and wherein the flexible membrane includes at least one perforation which opens at a selected extent of deformation of the flexible membrane to permit flow therethrough.

7. (Amended) A device for the administration of at least one fluid to a patient

comprising:

a valve arrangement including a flexible membrane that is deformable under pressure in a desired flow direction and having a cracking pressure of approximately 0.10 to about 0.20 bar